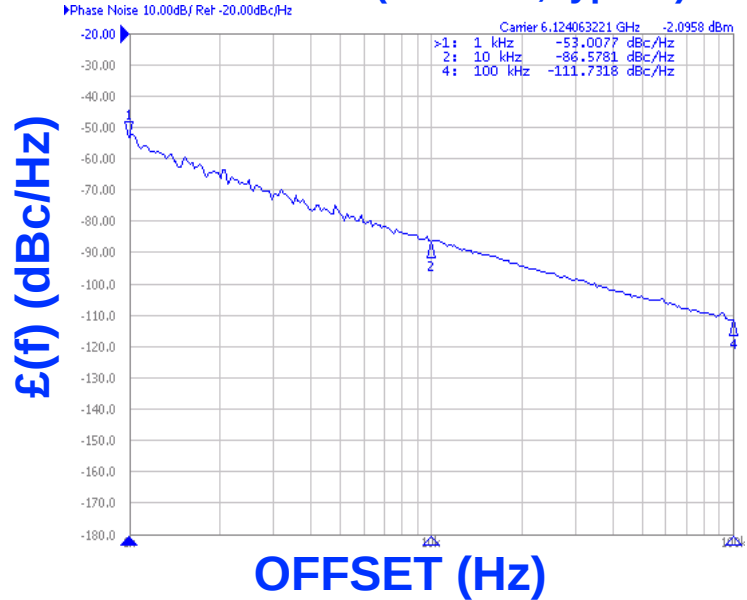




PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 5940 - 6308 MHz
- Tuning Voltage: 0.5 - 8 Vdc
- MINI-16HT - Style Package

APPLICATIONS

- Base-stations
- Satellite Communications

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	5940 - 6308	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-85	dBc/Hz
Harmonic Suppression (2nd, typ.)	-20	dBc
Tuning Voltage	0.5 - 8	Vdc
Tuning Sensitivity (avg.)	105	MHz/V
Power Output	3±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	10	pF
Pushing	<6	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<9	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-16HT	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	8	Vdc
Supply Current (Icc, typ.)	23	mA

All specifications are typical unless otherwise noted and subject to change without notice.

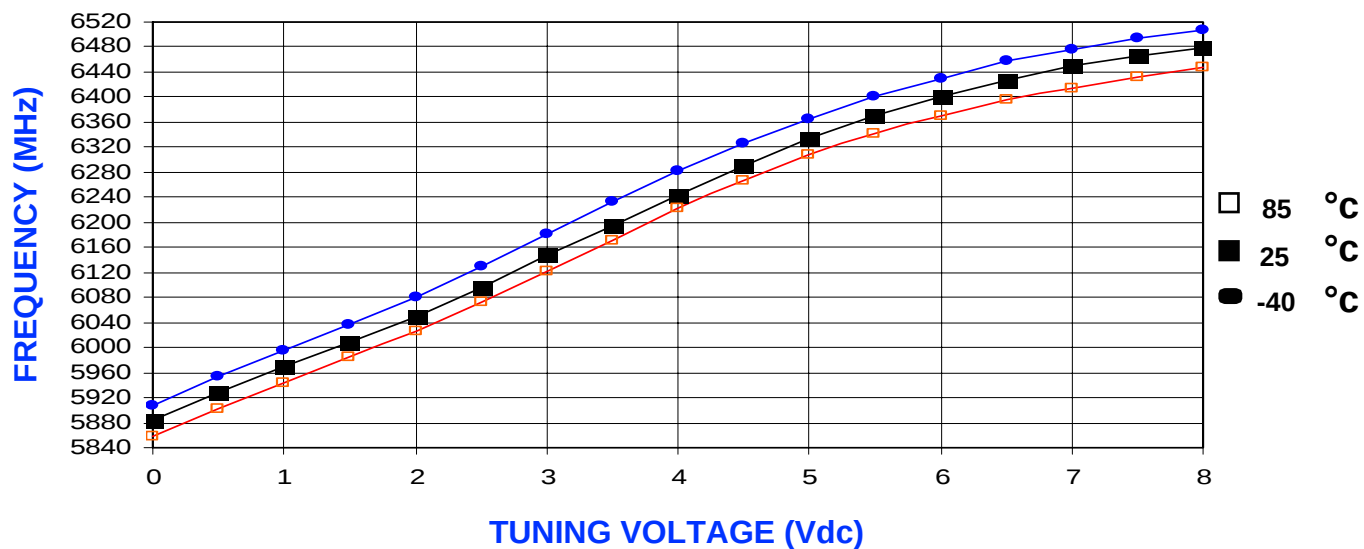
APPLICATION NOTES

- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

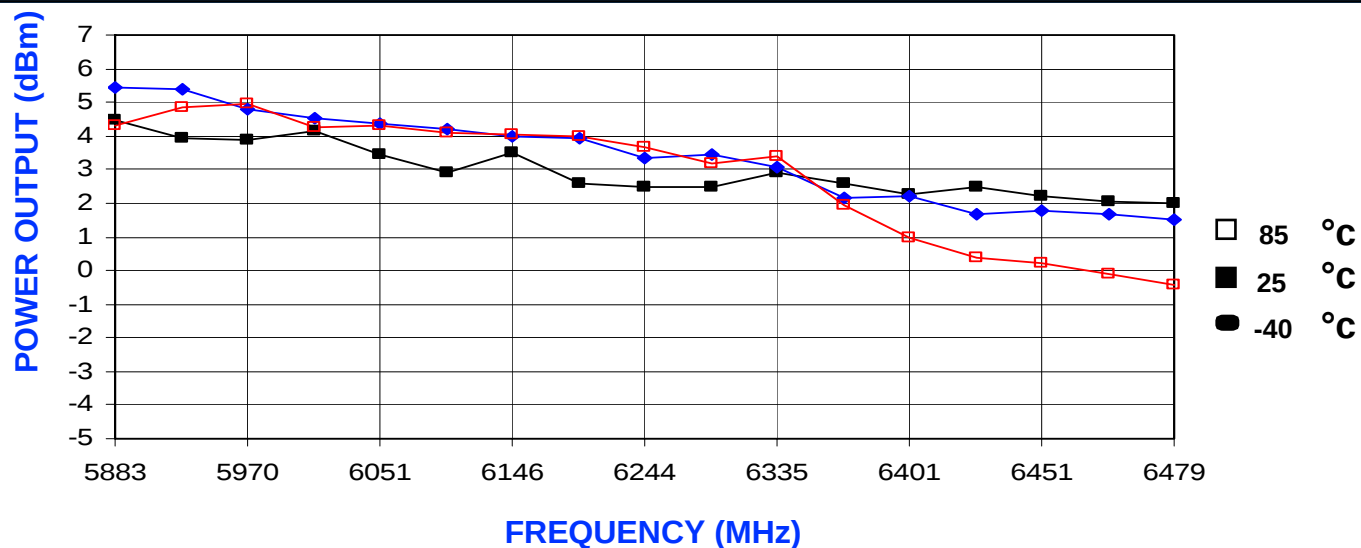
NOTES:

Phase Noise @ 1 kHz offset (1 Hz BW, max.): -82dBc/Hz

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

